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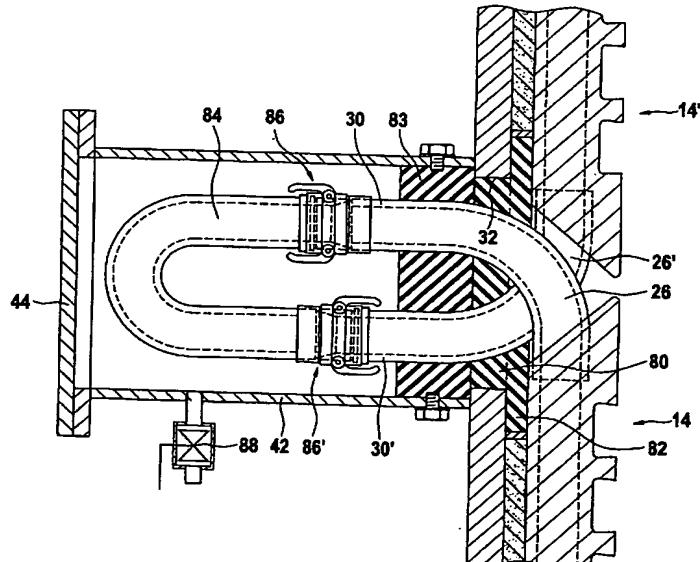
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(54) Title: COOLED FURNACE WALL



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(57) Abstract: A cooled furnace wall comprises a furnace shell with an inner and an outer side and cooling plates (14, 14') lining the inner side of said furnace shell. Each of the cooling plates (14, 14') has a plate body (20, 20') and protruding connection pieces for supplying the cooling plate (14, 14') with a coolant. The furnace shell has connection openings therein for interconnecting the connection pieces of adjacent cooling plates (14, 14') from the outer side of said furnace shell. At least one of the connection pieces is formed by a tube bend (26, 26') that protrudes from an edge face (18, 18') of the plate body (20, 20') and that has a connection end (30, 30') extending through one of the connection openings in the furnace shell.